STIC Scientific and Technical Information Center

Search Report EIC 3600

STIC Database Tracking Number:

To: BRETT FEENEY
Location: KNX 4B49
Art Unit: 3600
Date: May 12, 2010
Case Serial Number: 10/826,790

From: *Sylvia Keys*
Location: EIC3600
KNX 4B59
Phone: (571) 272-3534
sylvia.keys@uspto.gov

Search Notes

Dear Examiner **FEENEY**:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, the Internet and EBSCO HOST.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

I. Potential References of Interest

A. Dialog

0 records found.

II. Inventor Search Results from Dialog

21/5,K/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)

0014683107 E.I. COMPENDEX No: 2000525405135
CVNX - expanded capability baseline aircraft carrier design study
McWhite, J.D.
Corresp. Author/Affil: **McWhite**, J.D.
Naval Engineers Journal (Nav Eng J) 2000, 112/3 (47-57)
Publication Date: 20001211
Publisher: ASNE
CODEN: NVEJA ISSN: 0028-1425
Document Type: Article; Journal Record Type: Abstract
Treatment: X; (Experimental)
Language: English Summary Language: English
Number of References: 2
Aircraft Carrier ship design study number 5, entitled 'Expanded Capability Baseline', of the CVNX Analysis of Alternatives (AoA) (Part 3) ship design studies, represents the Navy's most capable and cost effective design to meet all of the Operational Requirements Document (ORD) objectives for CVNX. This paper describes the overall ship design and provides insight into its key technologies and design innovations. With significant attention being placed on new manning reduction methods and in

total life cycle cost (LCC) reduction efforts. It includes descriptions of key technology improvements like: 'Pit Stop' aircraft servicing, improved below deck weapons movement, electric aircraft and weapon elevators, modular electronic spaces, centralized food service, and robotic inventory and storage systems. Also covered are increased crew habitability, and optimized hull form and survivability features. Results address increased Flight Deck performance and construction and cost limitations.
Descriptors: Aircraft propulsion; Algorithms; Computer aided design; Computer software; Cost effectiveness; Crew accommodations; Deck landing aircraft; Hulls (ship); Naval architecture; Wings; * Aircraft carriers
Identifiers: Aircraft carrier design; Expanded capability baseline; Life cycle cost; New generation aircraft carriers
Classification Codes:
653.1 (Aircraft Engines, General)
671.1 (Ship Design)
672.1 (Combat Naval Vessels)
723.1 (Computer Programming)
723.5 (Computer Applications)
911.2 (Industrial Economics)

Corresp. Author/Affil: **McWhite**, J.D.

10/5,K/1 (Item 1 from file: 65)
DIALOG(R)File 65: Inside Conferences

04279535 INSIDE CONFERENCE ITEM ID: CN044862967
Enhanced Ship Structural Estimating Methods, Using the Navy's " ASSET" Early Stage Estimating Ship Synthesis Model
McWhite, J. D.; Wintersteen, B.
CONFERENCE: Society of Allied Weight Engineers-Annual conference; 61st SAWE PAPER, 2002; 2002; SAWE PAPER NO. 3222 P: ALL
SAWE, 2002
LANGUAGE: English DOCUMENT TYPE: Conference Separate paper
CONFERENCE SPONSOR: Society of Allied Weight Engineers
CONFERENCE LOCATION: Virginia Beach, VA 2002; May (200205)

BRITISH LIBRARY ITEM LOCATION: 8077.283000V
NOTE:
Nos 3201 to 3286 with gaps held only; See also same shelfmark for 3 single papers on CD-ROM
DESCRIPTORS: allied weight engineers; weight engineers; SAWE

McWhite, J. D.; Wintersteen, B.

III. Abstract Files from Dialog

A. All Databases

File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2010/Jan(Updated 100427)
(c) 2010 JPO & JAPIO
File 350:Derwent WPIX 1963-2010/UD=201029
(c) 2010 Thomson Reuters
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.
File 2:INSPEC 1898-2010/May W1
(c) 2010 The IET
File 35:Dissertation Abs Online 1861-2010/Mar
(c) 2010 ProQuest Info&Learning
File 65:Inside Conferences 1993-2010/May 12
(c) 2010 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2010/Mar
(c) 2010 The HW Wilson Co.
File 474:New York Times Abs 1969-2010/May 12
(c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/May 12
(c) 2010 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage

Set	Items	Description
S1	3875	(SHIP OR SHIPS)(5N)(DESIGN OR DESIGNS OR DESIGNING)
S2	2	(NAVAL()COMBATANT? ?)(8N)(DESIGN OR DESIGNS OR DESIGNING)
S3	4406	STOWAGE?
S4	2675135	CARGO OR STOREROOM? ? OR STOREHOUSE? ? OR SPACE OR SPACES
S5	23077	FOOTPRINT? ? OR SQUARE()(FEET OR FOOTAGE)
S6	3850	ROOM(3N)(SIZE OR SIZES OR DIMENSION OR DIMENSIONS)
S7	32695	(CALCULATE OR CALCULATES OR CALCULATING OR DETERMIN???? OR ESTIMATE????)(8N)(SOFTWARE OR APP OR APPS OR APPLICATIONS)
S8	47742	(CALCULATE OR CALCULATES OR CALCULATING OR DETERMIN???? OR ESTIMATE????)(8N)(COMPUTERIZ? OR COMPUTERIS? OR AUTOMATED OR -ELECTRONIC)
S9	63267	ASSET OR ADVANCED()SURFACE()SHIP()EVALUATION()TOOL
S10	1	AU=(MCWHITE, J? OR MCWHITE J? OR JAMES(2N)MCWHITE)
S11	3877	S1 OR S2
S12	369	S11 AND (S4:S6)
S13	1	S12 AND (S7 OR S8)
S14	7	S9 AND (S1 OR S2)
S15	7	RD (unique items)
S16	22165	(SHIP OR SHIPS) AND (S4:S6)
S17	28	S16 AND (S7:S8)
S18	28	RD (unique items)
S19	10	S18 NOT PY>2003
S20	2	S19 AND IC=G06F

13/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0015314751 - Drawing available
WPI ACC NO: 2005-664962/200568
Related WPI Acc No: 2004-091317
XRPX Acc No: N2005-544629

Rebuilding method of single hull tanker into double hull tanker, involves forming temporary cut-out in existing topside decking, after forming outer bottom hull from existing outer bottom plating

Patent Assignee: MARITRANS INC (MARI-N); OSG INC (OSGO-N)

Inventor: HAGNER T; HAGNER T B; HAGNER T R

Patent Family (5 patents, 108 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2005092699	A1	20051006	WO 2005US9464	A	20050322	200568 B
EP 1730024	A1	20061213	EP 2005729012	A	20050322	200701 E
			WO 2005US9464	A	20050322	
KR 2007015934	A	20070206	WO 2005US9464	A	20050322	200755 E
			KR 2006721876	A	20061020	
CN 1989040	A	20070627	CN 200580016634	A	20050322	200780 E
			WO 2005US9464	A	20050322	
CN 100509543	C	20090708	CN 200580016634	A	20050322	201004 E

Priority Applications (no., kind, date): US 2004806904 A 20040323

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2005092699	A1	EN	74	25	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1730024 A1 EN PCT Application WO 2005US9464
Based on OPI patent WO 2005092699

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

KR 2007015934 A KO PCT Application WO 2005US9464
Based on OPI patent WO 2005092699

CN 1989040 A ZH PCT Application WO 2005US9464
Based on OPI patent WO 2005092699

Alerting Abstract USE - For rebuilding single hull tanker into double hull tanker used in shipping and **cargo** industry...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...the new double shell containing the new double bilge shell and the new double side shell at least on the unloading part of the oil

< B> ship. The method includes **designing**

the **ship** shell by utilizing the model pool experiment

and calculation hydrokinetics in the transitional section between the new outer bilge shell and the current bilge shell...

...side hull. The method includes forming the new double hull, including a new double bottom hull and new double side hulls, over at least the **cargo** carrying portion of the tanker by installing at least a portion of the new inner bottom hull internally over the existing outer bottom hull through...

...side hull. The method includes forming the new double hull, including a new double bottom hull and new double side hulls, over at least the **cargo** carrying portion of the tanker by installing at least a portion of the new inner bottom hull internally over the existing outer bottom hull through...

...consiste a former la nouvelle double coque, comprenant une nouvelle coque double de fond et de nouvelles coques laterales doubles, au-dessus de la partie **cargo** du petrolier par l'installation d'au moins une partie d'une nouvelle coque de fond interne vers l'interieur sur la coque de fond...
Claims:
...CLAIM 2] The method according to claim 1, wherein said current single-hull oil ship includes at least one center **cargo space**, the left-flank **cargo space** and the right-flank **cargo space**. The said method includes the following steps. Cut at least one temporary cutting unit for at least one center **cargo space** on the uppermost deck approaching the crossing bulkhead. Crossing at least one temporary cutting unit, install at least the center of the new inner bilge shell, on the current plastron frame between the adjacent crossing bulkheads of at least one center **cargo space** in the inner
...

...CLAIM 3] The method according to claim 2 includes the following steps: cut at least one temporary cutting unit for at least one center **cargo space** on the uppermost deck approaching the crossing bulkhead. Crossing at least one temporary cutting unit, install at least the center of the new inner bilge shell, on the current plastron frame between the adjacent crossing bulkheads of at least one center **cargo space** in the inner
...the current single-hull oil ship and the experimental result of the said model with molding material continuous layer of the reconstructed double-hull oil **ship**; **design** the said streamline part according to the comparison of the said model pool experiment...

...20] The method according to claim 16, wherein said step of operating the hydrokinetics calculation includes the following steps: offer the calculation system of the **software** of the basic mathematical equation **calculating** hydrokinetics with large-scale iteration; input the data denoting the model of current single-hull oil ship; generate the result of current single-hull oil...

...the current single-hull oil ship and the experimental result of the said

model with molding material continuous layer of the reconstructed
double-hull oil **ship**; **design** the said
streamline part according to the comparison of the said model pool
experiment...the current single-hull oil ship and the experimental result
of the said model with molding material continuous layer of the
reconstructed double-hull oil **ship**;
design the said streamline part according to the
comparison of the said model pool experiment...

15/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0018932603 - Drawing available
WPI ACC NO: 2009-H25926/200928
Marine construction three dimensional model and **asset**
management system combination for ship, has ship and marine construction
shape three dimension model unit providing model extracted from
ship and marine construction CAD
design model
Patent Assignee: DAEWOO SHIPBUILDING&MARINE ENG CO LTD (DAEW-N)
Inventor: HEUNG WON S; KWANG PHIL P; WON JOON L
Patent Family (2 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
KR 2008088136	A	20081002	KR 200730615	A	20070329	200928 B
KR 874288	B1	20081218	KR 200730615	A	20070329	200928 E

Priority Applications (no., kind, date): KR 200730615 A 20070329

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2008088136	A	KO	6	4	
KR 874288	B1	KO			Previously issued patent KR 2008088136

Marine construction three dimensional model and **asset**
management system combination for ship, has ship and marine construction
shape three dimension model unit providing model extracted from
ship and marine construction CAD
design model

Original Titles:
Three dimension model and **asset** management system for
ship and offshore structure...

...Three dimension model and **asset** management system for
ship and offshore structure

Alerting Abstract ...NOVELTY - The combination has a ship and marine
construction shape three dimension (3D) model unit (10) e.g. pipe model,
providing model extracted from a **ship** and marine
construction CAD **design** model. A **ship**
and marine construction maintenance model unit (20) provides topology data

of the ship and marine construction shape 3D model unit. A ship and marine construction...
USE - Marine construction three dimensional model and **asset** management system combination for ship...

...the marine construction and the ship, maximizes the ship and marine construction maintenance effect of the ship owner, decreases cost of the remodeling for the **asset** management, and provides drying and airline process in the design process of the marine construction and ship, and efficiently manages the ship assets by providing the **ship** three dimensional **design** model data and descriptive data for the ship owner...

...DESCRIPTION OF DRAWINGS - The drawing shows a schematic view of a marine construction three dimensional model and **asset** management system combination.'(Drawing includes non-English language text ...

Original Publication Data by Authority

Argentina

Assignee name & address:
Original Abstracts:
The invention relates to 3 S model of the product for the ship and marine construction administration and system of < B> asset management, more specifically, to 3 S model of 3D design model date modeled in dockyard for the ship owner and order main part, and ship...

...ship which exact and efficiently can manage the assets of the marine construction and ship by providing descriptive data, and marine construction and system of **asset** management.According to the present invention, the ship for the ship which does to feature to be comprised and marine construction administration and marine construction 3 S model and system of **asset** management are presented in the ship and the marine construction shape 3D model means (10) serving the model extracted from the CAD design model of...

...from the ship and marine construction maintenance model means (20) and which the model date stores.The ship and marine construction, administration, 3 S model, **asset** management, collaboration design.Image 1/1...

...The invention relates to 3 D model of the product for the ship and marine construction administration and system of **asset** management, more specifically, to 3 D model of 3D design model date modeled in dockyard for the ship owner and order main part, and ship...

15/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0018044994 - Drawing available
WPI ACC NO: 2008-J65322/200856
Technical change managing system constructing method for **ship designing** application, involves receiving internal approval of drawings and attributes, and constructing installation or manufacturing drawing by system
Patent Assignee: STX SHIPBUILDING CO LTD (STXS-N)
Inventor: SANG H S; SONG C L; SUNG H K
Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
KR 2008004061	A	20080109	KR 200662523	A	20060704	200856 B

Priority Applications (no., kind, date): KR 200662523 A 20060704

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2008004061	A	KO	10	4	

Technical change managing system constructing method for **ship designing** application, involves receiving internal approval of drawings and attributes, and constructing installation or manufacturing drawing by system

Original Titles:
METHOD FOR CONSTRUCTING A SYSTEM FOR MANAGING TECHNICAL CHANGE IN **DESIGNING** A **SHIP**, CONCERNED WITH ENABLING A DESIGNER TO REFER TO LINKED DRAWINGS OR TECHNICAL PAPERS

Alerting Abstract USE - Method for constructing a system for managing a technical change in **designing** a **ship**.
...

...ADVANTAGE - The method constructs the manufacturing and designing support system linked with the design program for planning the intellectual **asset** management criterion and scheme for sharing the design techniques of experienced designers. The method enables the designers to refer the linked drawings or technical papers...

...DESCRIPTION OF DRAWINGS - The drawing shows a flowchart illustrating a process of constructing a system for managing a technical change in **designing** a **ship**.'(Drawing includes non-English language text)'

Original Publication Data by Authority

Argentina

Assignee name & address:
Original Abstracts:
The present invention relates to the engineering change management system

implementation method on the < B> ship
design. More concretely, the , the present invention
relates to the engineering change management system implementation method
on the **ship design** it builds the
system referring to the linkage drawing, and the technical report in
advance as to the descriptive information management task for the
ship design, and the descriptive
information management task sets up the admission process of the team
inside again before the drawing engineering release, and the design
engineering...

...job order phase specific item etc) management reference for the design
engineering share of the design a person skilled in the art and system.The
ship design, the drawing, and the
engineering change.Image 1/1
Claims:
...process engineering change directions (hereinafter it is identical with
the Engineering Change Order, and ECO) issuing as to the descriptive
information management task for the **ship**
design, and it utilizes it as element data including
Item, BOM, the chart preperation etc. The descriptive information search
stage).; The step (in which and installation...

...the BOM attribute according to persistent or the tentative decision in
order to process ECO issuing. BOMThe engineering change management system
implementation method on the **ship**
design according to the engineering change registration
procedure of including the registration step...

...CLAIM 2] Above statement as to claim 1. Descriptive information search
stage.The engineering change management system implementation method on the
ship design according to the
engineering change registration procedure wherein it is made including the
increased step that sets up inquiry item (customer information, building
Specifications, the...

...CLAIM 3] Above statement as to claim 1. Chart preperation step.The
engineering change management system implementation method on the
ship design according to the
engineering change registration procedure, wherein the , detailed design
drawing prepares based on the new, the change Item design breakdown
statement, the Rule...

15/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0018044993 - Drawing available
WPI ACC NO: 2008-J65321/200856
Technical changes examining system constructing method for
ship designing application, involves
distributing approved item requests of manufacturing feedback or class

approval request items to design related teams
Patent Assignee: STX SHIPBUILDING CO LTD (STXS-N)
Inventor: SANG H S; SONG C L; SUNG H K
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
KR 2008004060 A 20080109 KR 200662522 A 20060704 200856 B

Priority Applications (no., kind, date): KR 200662522 A 20060704

Patent Details
Number Kind Lan Pg Dwg Filing Notes
KR 2008004060 A KO 6 2

Technical changes examining system constructing method for
ship designing application, involves
distributing approved item requests of manufacturing feedback or class
approval request items to design related teams

Original Titles:
METHOD FOR CONSTRUCTING A SYSTEM FOR EXAMINING TECHNICAL CHANGES IN
DESIGNING A **SHIP**, CONCERNED WITH
CONSTRUCTING A SYSTEM FOR REFERRING TO LINKED DRAWINGS AND TECHNICAL
PAPERS, RESETTING AN INTERNAL PREVIOUS APPROVAL PROCESS IN WITHDRAWING THE
DRAWINGS, AND CONSTRUCTING...

Alerting Abstract USE - Method for constructing a technical changes
examining system for **ship designing**
application...

...ADVANTAGE - The method constructs the manufacturing and designing
support system linked with the design program, so as to facilitate planning
of the intellectual **asset** management criterion and
scheme for sharing the design techniques of the experienced designers. The
method increases the design engineering document in the database and the...

Original Publication Data by Authority

Argentina

Assignee name & address:
Original Abstracts:
The present invention relates to the engineering change reviewing system
implementation method on the < B> ship
design. More concretely, the , the present invention
relates to the engineering change reviewing system implementation method on
the **ship design** it builds the system
referring to the linkage drawing, and the technical report in advance as to
the descriptive information management task for the **ship**
design, and the descriptive information management task
sets up the admission process of the team inside again before the drawing
engineering release, and the design engineering...

...job order phase specific item etc) management reference for the design engineering share of the design a person skilled in the art and system.The **ship design**, the drawing, and the
engineering change.Image 1/1
Claims:
...request document, and the promotion of a design plan and new / change Item change request document as to the descriptive information management task for the **ship design** and grasps
workload. The layout receipt step).; The step (receiving the engineering change request (Engineering Change Request, ECR) including the drawing Comment of prepayment and...

...a design plan.ECOThe publication step).The step (registering ECR about the design inside related section. ECRThe engineering change reviewing system implementation method on the **ship**
design including the registration step...

...CLAIM 2] Above statement as to claim 1. ECRReceipt step.The engineering change reviewing system implementation method on the
ship design wherein the classified
engineering change requirement connect to the ECR distribution if the step that grasps the step: ECR related publication section, inquiring the ECR...

...CLAIM 3] Above statement as to claim 1. ECRInformation step.The engineering change reviewing system implementation method on the
ship design wherein it is made
including the step judging the accepting about the classified step: engineering change matter and increased appoints the undertaking well-qualified person...
...CLAIM 4] Above statement as to claim 1. Accepting.Examination stage.The engineering change reviewing system implementation method on the
ship design, wherein the decision
result aesthetic dragon of the increased step: accepting inquiring ECR distributed widely and decides on step: data collecting data for the accepting...

15/3,K/4 (Item 1 from file: 2)
DIALOG(R)File 2: INSPEC

11902163
Title: Methods for naval ship concept and propulsion technology exploration in a CGX case study
Author(s): Strock, J.; Brown, A.
Journal: Naval Engineers Journal, vol.120, no.4, pp.95-122
Publisher: American Society of Naval Engineers Inc.
Country of Publication: USA
Publication Date: Dec. 2008
ISSN: 0028-1425
CODEN: NVEJAX
Item Identifier (DOI): http://dx.doi.org/10.1111/j.1559-3584.2008.00169.x
Language: English
Subfile(s): E (Mechanical & Production Engineering)

INSPEC Update Issue: 2009-041

Abstract: ...dominated designs in the design space. This paper revisits the APS for a fossil-fueled MSC. It applies automated design methods with a variety of **design** tools, including the advanced **ship** and submarine evaluation tool (**ASSET**), a simplified ship synthesis model (SSSM), and model center (MC) to improve the APS approach. It examines a range of power and propulsion alternatives using...

Identifiers: naval ship concept; 2006 National Defense Authorization Act; US Navy; alternative propulsion study; amphibious warfare ships; fossil-fueled medium surface combatants; automated **design** methods; advanced **ship** and submarine evaluation tool; simplified ship synthesis model; model center ; CGXBMD; nondominated concepts

15/3,K/5 (Item 2 from file: 2)
DIALOG(R)File 2: INSPEC

11312009
Title: Safety cases for legacy warships: a systematic approach
Author(s): Bain, A.D.; Dobson, S.
Author Affiliation: Capital Ships Directorate (DGShips), Minist. of Defence, Bristol, UK
Inclusive Page Numbers: 2B3 (6 pp.)
Publisher: IET, Stevenage
Country of Publication: UK
Publication Date: 2008
Conference Title: 3rd IET International Conference on System Safety 2008
Conference Date: 20-22 Oct. 2008
Conference Location: Birmingham, UK
Language: English
Subfile(s): E (Mechanical & Production Engineering)
INSPEC Update Issue: 2008-049

Abstract: ...resources expended have proven to be minimal, whilst the analysis process itself has enhanced the IPT's safety culture and is beginning to influence wider **Asset** Management Planning and Environmental work, up to the end of the ship service lives. The Safety Case Reports generated from the work demonstrate for the...
...a) Specified wartime operations; b) Peacetime operations; c) Whole ship training exercises; The management system allows identification of the additional controls needed to retain elderly **ships**

and systems within their **design** intent. This drives maintenance levels to ensure that intent, what additional constraints and operational controls are required as well as informing senior management of safety...

Identifiers: ...literature; safety assessment; systems safety; aircraft carriers; type 42 destroyers; amphibious ships; ALBION; BULWARK; OCEAN; ship operating history; risk management; claims-argument-evidence; hazard footprint; **asset** management planning; hazardous operations; wartime operations; peacetime operations; whole ship training exercises; environmental performance

15/3,K/6 (Item 3 from file: 2)
DIALOG(R)File 2: INSPEC

10554420
Title: Institutionalizing the electric warship
Author(s): Doerry, N.
Journal: Naval Engineers Journal, vol.118, no.4, pp.57-64
Publisher: American Soc. Naval Eng.
Country of Publication: USA
Publication Date: 2006
ISSN: 0028-1425
SICI: 0028-1425(2006)118:4L.57:IEW;1-T
CODEN: NVEJAX
Language: English
Subfile(s): B (Electrical & Electronic Engineering); E (Mechanical & Production Engineering)
INSPEC Update Issue: 2007-032

Abstract: ...undefined (in authoritative documentation) concepts such as zonal survivability and quality of service; obsolete requirement terms such as "sustained speed" and "endurance speed/range"; conflicting **design** practices for propulsion and **ship** service prime mover sizing; customized system protection strategies for different classes of ships; ambiguous methods for the sizing of zonal distribution system components; lack of integration of IPS **design** algorithms into **ship** concept tools such as **ASSET**; lack of knowledge as to how to effectively use modeling and simulation to make electric plant **design** decisions for each stage of **ship design**. Additionally, the article details progress in updating standards and specifications, such as the naval vessel rules and DOD-STD-1399. Finally, efforts to incorporate electric...

Identifiers: electric warship technology; integrated power system technology; electric warship design; common design processes; zonal survivability; quality of service; conflicting **design** practices; **ship** service prime mover sizing; customized system protection strategies; electric plant design decisions ; naval architecture

15/3,K/7 (Item 4 from file: 2)
DIALOG(R)File 2: INSPEC

07393171
Title: Reexamination of superconductive homopolar motors for propulsion
Author(s): Walters, J.D.; Sondergaard, N.A.; Levedahl, J.; Waltman, D.J.; Golda, E.M.; Fikse, T.H.
Journal: Naval Engineers Journal, vol.110, no.1, pp.107-16
Publisher: American Soc. Naval Eng
Country of Publication: USA
Publication Date: Jan. 1998
ISSN: 0028-1425
SICI: 0028-1425(199801)110:1L.107:RSHM;1-L
CODEN: NVEJAX
Language: English
Subfile(s): B (Electrical & Electronic Engineering)
INSPEC Update Issue: 1999-043

Abstract: Superconducting homopolar motor concepts with accompanying auxiliary systems have been examined in a quick-look assessment for their impact on **ship designs** utilizing the Navy's **Advanced Surface Ship Evaluation Tool** (**ASSET**). An existing **ASSET** DDG51-FLT2A "like" ship model was used as a convenient means of evaluating the ship impact of the superconducting homopolar, and other advanced electric propulsion...

Identifiers: superconductive homopolar motors; propulsion; **Advanced Surface Ship Evaluation Tool**; Navy propulsion systems; liquid cryogen-free superconducting magnets; multiple-foil copper brushes; dry copper-fiber brushes; solid collectors

20/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent **WPIX**

0012455209 - Drawing available
WPI ACC NO: 2002-401098/200243
Electronic note for sounding management of **ship**
Patent Assignee: SAMSUNG HEAVY IND CO LTD (SMSU)
Inventor: HA M G; LEE C B
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 2001113077	A	20011228	KR 200033178	A	20000616	200243 B

Priority Applications (no., kind, date): KR 200033178 A 20000616

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2001113077	A	KO	1	10	

Electronic note for sounding management of **ship**

Alerting Abstract ...NOVELTY - An electronic note for the sounding management of the **ship** is provided to easily check and calculate the freight capacity of a tank without manually making additional sounding and ullage label, and to manage the...
...900), a page button(910), and LCD(Liquid Crystal Display)(950). The first functional button(200) shows the helps regarding the main specification of the **ship**, the specific gravity of liquid, and the usage of the electronic note. The second functional button(300) shows the outline of the tank with a...

...about the place of every tank in diagram. The sixth functional button(700) is used for selecting the necessary one of many tanks like a **cargo** oil tank, fuel tank, and diesel oil tank. The sounding label is moved automatically by entering a figure to the sounding label, and also the...

...a freight window through the function and figure buttons. When the user enters a tank number, sounding and ullage label distance, and trim conditions, the **electronic** note automatically **calculates** and displays the tank capacity, LCG, TCG, VCG, and the moment of inertia on the LCD.

Title Terms.../Index Terms/Additional Words: **SHIP**

Class Codes
International Classification (Main): **G06F**-015/02

Original Publication Data by Authority

Argentina

20/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0011153386 - Drawing available
WPI ACC NO: 2002-090609/200213
XRPX Acc No: N2002-066749
Calculating charges for transporting shipment of freight useful in shipping industry by determining rate to be charged for first shipment based upon amount of capacity occupied by first shipment in carrier unit and transported distance
Patent Assignee: KORNACKI D (KORN-I)
Inventor: KORNACKI D
Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
CA 2340823	A1	20010915	CA 2340823	A	20010315	200213 B
US 20020007353	A1	20020117	US 2000189547	P	20000315	200213 E
			US 2000192676	P	20000328	
			US 2001809563	A	20010315	

Priority Applications (no., kind, date): US 2000189547 P 20000315; US 2000192676 P 20000328; US 2001809563 A 20010315

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
CA 2340823	A1	EN	63	10	
US 20020007353	A1	EN			Related to Provisional US 2000189547
					Related to Provisional US 2000192676

Alerting Abstract ...ADVANTAGE - Optimizes usage of **space** in vehicles or units used in shipping **such** as trucks, trains, **ships** or airplanes. Determines prices and costs associated **with** hauling a particular shipment that may be based on variable factors with respect to the shipment. Optimizes the **space** used in warehouses. Does not cause inaccuracies **in** the cost estimation by the carrier and the price estimation quoted to the shipper by the carrier, which reduces lost revenues to carriers as well...

...DESCRIPTION OF DRAWINGS - The drawing is a flow diagram overview of the area **space** calculation feature of the present invention.

Class Codes
International Classification (Main): **G06F**-017/00...

...**G06F-017/60**

Original Publication Data by Authority

Argentina

Assignee name & address:
Original Abstracts:
The present invention provides a system, method and computer program product for determining the amount of <B>space occupied by shipments **in** a carrier unit and prices and costs associated with transporting such shipments. The present invention provides a means for optimizing **space** utilization in the **carrier** unit and computing charges based upon the amount of **space** occupied by a **particular** shipment. The present invention provides a means for determining charges for transporting a particular shipment based upon the distance that the shipment is to be...
Claims:
What is claimed is:**1**. A **computerized** method for **calculating** charges for transporting a shipment **of** freight, said **shipment** comprising one or more packages, said method comprising the steps of:gathering physical property data about a carrier unit, said data comprising carrier unit dimensions...

10/5,K/1 (Item 1 from file: 65)
DIALOG(R)File 65: Inside Conferences
(c) 2010 BLDSC all rts. reserv. All rights reserved.

04279535 INSIDE CONFERENCE ITEM ID: CN044862967
Enhanced Ship Structural Estimating Methods, Using the Navy's " ASSET" Early Stage Estimating Ship Synthesis Model
McWhite, J. D.; Wintersteen, B.
CONFERENCE: Society of Allied Weight Engineers-Annual conference; 61st
SAWE PAPER, 2002; 2002; SAWE PAPER NO. 3222 P: ALL
SAWE, 2002
LANGUAGE: English DOCUMENT TYPE: Conference Separate paper
CONFERENCE SPONSOR: Society of Allied Weight Engineers
CONFERENCE LOCATION: Virginia Beach, VA 2002; May (200205)

BRITISH LIBRARY ITEM LOCATION: 8077.283000V
NOTE:
Nos 3201 to 3286 with gaps held only; See also same shelfmark for 3 single papers on CD-ROM
DESCRIPTORS: allied weight engineers; weight engineers; SAWE

McWhite, J. D.; Wintersteen, B.

IV. Fulltext Files from Dialog

A. Fulltext Databases

File 324:GERMAN PATENTS FULLTEXT 1967-201017
(c) 2010 UNIVENTIO/THOMSON
File 325:Chinese Patents Fulltext 1985-20100331
(c) 2010
File 348:EUROPEAN PATENTS 1978-201018
(c) 2010 European Patent Office
File 349:PCT FULLTEXT 1979-2010/UB=20100506|UT=20100429
(c) 2010 WIPO/Thomson
File 9:Business & Industry(R) Jul/1994-2010/May 11
(c) 2010 Gale/Cengage
File 16:Gale Group PROMT(R) 1990-2010/May 11
(c) 2010 Gale/Cengage
File 20:Dialog Global Reporter 1997-2010/May 12
(c) 2010 Dialog
File 15:ABI/Inform(R) 1971-2010/May 11
(c) 2010 ProQuest Info&Learning
File 148:Gale Group Trade & Industry DB 1976-2010/May 11
(c) 2010 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2010/Apr 02
(c) 2010 Gale/Cengage
File 610:Business Wire 1999-2010/May 12
(c) 2010 Business Wire.
File 613:PR Newswire 1999-2010/May 12
(c) 2010 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2010/Mar 24
(c) 2010 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2010/Apr 08
(c) 2010 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2010/May 11
(c) 2010 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2010/May 09
(c) 2010 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 6:NTIS 1964-2010/May W3
(c) 2010 NTIS, Intl Cpyrght All Rights Res
File 7:Social SciSearch(R) 1972-2010/May W1
(c) 2010 The Thomson Corp
File 8:Ei Compendex(R) 1884-2010/May W1
(c) 2010 Elsevier Eng. Info. Inc.
File 14:Mechanical and Transport Engineer Abstract 1966-2010/Mar
(c) 2010 CSA.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

File 34:SciSearch(R) Cited Ref Sci 1990-2010/May W1
(c) 2010 The Thomson Corp

Set Items Description
S1 42061 (SHIP OR SHIPS)(5N)(DESIGN OR DESIGNS OR DESIGNING)
S2 44 (NAVAL()COMBATANT? ?)(8N)(DESIGN OR DESIGNS OR DESIGNING)
S3 13021 STOWAGE?
S4 10786756 CARGO OR STOREROOM? ? OR STOREHOUSE? ? OR SPACE OR SPACES
S5 1689199 FOOTPRINT? ? OR SQUARE()(FEET OR FOOTAGE)
S6 30591 ROOM(3N)(SIZE OR SIZES OR DIMENSION OR DIMENSIONS)
S7 275469 (CALCULATE OR CALCULATES OR CALCULATING OR DETERMIN???? OR ESTIMATE????)(8N)(SOFTWARE OR APP OR APPS OR APPLICATIONS)
S8 141166 (CALCULATE OR CALCULATES OR CALCULATING OR DETERMIN???? OR ESTIMATE????)(8N)(COMPUTERIZ? OR COMPUTERIS? OR AUTOMATED OR -ELECTRONIC)
S9 5454811 ASSET OR ADVANCED()SURFACE()SHIP()EVALUATION()TOOL
S10 3 AU=(MCWHITE, J? OR MCWHITE J? OR JAMES(2N)MCWHITE)
S11 42076 S1 OR S2
S12 3074 S11(S)(S4:S6)
S13 1 S12(S)(S7:S8)
S14 187010 (SHIP OR SHIPS)(S)(S4:S6)
S15 130 S14(S)(S7:S8)
S16 108 RD (unique items)
S17 36 S16 NOT PY>2003
S18 3 S17 AND IC=G06F
S19 0 S10(S)S1
S20 0 S10(S)SHIP? ?
S21 1 RD S10 (unique items)

13/3,K/1 (Item 1 from file: 14)
DIALOG(R)File 14: Mechanical and Transport Engineer Abstract

0000328899 IP ACCESSION NO: 2001-21-028246
Design of flying eye Remotely Operated Vehicle for deep water surveillance

Beasley, B; Best, C; Davis, D; Goldsmith, B; Martinez, B; Slaughter, J;
Suen, S; Taylor, J; Wilson, C
Department of Ocean Engineering, Texas A&M University, TX, USA

ADDL. SOURCE INFO: Where Marine Science and Technology Meet Oceans 2000
CD-ROM, Marine Technology Society, 1828 L St, NW Suite 906 Washington, DC
20036 USA, 2000, [np]
PUBLICATION DATE: 2000

RECORD TYPE: Abstract
LANGUAGE: English
ISBN: 0-7803-6554-2
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

ABSTRACT:
... truck without permit, and the launch system must provide a 2.4 m (8

ft) clearance from the ROV to the side of the support
ship. The **design** of the ROV consisted
of several steps. First, the ROV and its' components were researched and
compared. A remotely operated vehicle needs numerous components including
...

...must meet the design depth of 3050 m (10,000 ft), be small in size, and
function appropriately. Once the components were found then the
footprint of the ROV underwater was determined using the
specifications of the thrusters and drag force on the vehicle. Software is
used to analyze the displacement...

...determined such that all components can be assembled inside the frame
and the ROV is 0.91 kg (2 lb) positive buoyant and stable. Structural
software (StruCAD) was used to
determine the cross-section of aluminum structural
tubing.

18/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00901316 **Image available**
ELECTRONIC INTERNATIONAL TRADING
ECHANGES ELECTRONIQUES INTERNATIONAUX
Patent Applicant/Assignee:
ELECTRONIC INTERNATIONAL TRADE SERVICES PTY LTD, "Grosvenor Schiliro",
Level 2, 333-339, George Street, Sydney, NSW 2000, AU, AU (Residence),
AU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
FEIL Martin Keith, 19 Boomerang Street, Turramurra, NSW 2074, AU, AU
(Residence), AU (Nationality), (Designated only for: US)
OWEN Ronald James Haig, 33 Lesley Avenue, Carlingford, NSW 2118, AU, AU
(Residence), AU (Nationality), (Designated only for: US)
STEVENS Michael John, 55 Billarga Road, Westleigh, NSW 2120, AU, AU
(Residence), AU (Nationality), (Designated only for: US)
SWIFT Stephen Mark, Unit 4, 62 Mary Street, Lilyfield, NSW 2040, AU, AU
(Residence), AU (Nationality), (Designated only for: US)
INGERSOLE Kevin John, 2 Surf Rider Avenue, North Avoca, NSW 2260, AU, AU
(Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
COWLE Anthony John (et al) (agent), DAVIES COLLISON CAVE, Level 10, 10
Barrack Street, Sydney, NSW 2000, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200235382 A1 20020502 (WO 0235382)
Application: WO 2001AU614 20010524 (PCT/WO AU0100614)
Priority Application: AU 20001053 20001027
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 22574

Main International Patent Class (v7): **G06F**-017/30
International Patent Class (v7): **G06F**-017/60
Fulltext Availability:
Detailed Description
Claims

Claim
... to ABS System
statistics
i 6 Receive ECN Receive ECN number from Customs and System
from customs update export record in EITS database
7 Request **ship** to Lodge export document notification
System
carry **cargo** (Consignment Booking) with Freight
forwarders or Carriers
7 Generate and Generate Trade and settlement SystemI User
submit permits or documentation management (as required by
quota...

...dangerous or goods handling in standard format as part
flammable goods of forwarding instructions to be sent to
handling freight forwarder/ carrier
requirements
7 Request **ship** to Generate letter requesting
ship from freight System
carrier **cargo** forwarder/ carrier, shipper or airline.
7 Send forwarding Send forwarding instructions to freight System
instructions forwarder / carrier/ airline to enable
preparation of the airway bill...
...Export sales order ERP System Electronic Real time
creation of
ECN
Confirmatio ECN from Customs Customs Electronic Real time
n of ECN
number
from
customs
Ship Booking Confirmation Freight Electronic Real time
booking number Forwarder/shi
confirmatio pper/ airline
Initial Pro-forma Bill of lading/ Freight Electronic Real time

18/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00802534
ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE
Patent Applicant/Assignee:
E-BRAIN SOLUTIONS LLC, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 34705, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WARREN Peter, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405, US, GB (Residence), GB (Nationality), (Designated only for: US)
LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
MEHRMAN Michael J (agent), Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, GA 30067, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200135216 A2-A3 20010517 (WO 0135216)
Application: WO 2000US31231 20001113 (PCT/WO US0031231)
Priority Application: US 99164884 19991112
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 275671

Main International Patent Class (v7): **G06F**-009/44
International Patent Class (v7): **G06F**-017/22
Fulltext Availability:
Detailed Description
Claims

Claim
... Table. If the computer is provided with a means of localizing itself - such as a form of GPS, or reference coordinates within a building, then **calculating** the motor inputs required to make the two coordinates coincide - to get the computer to move to the refrigerator is

relatively mundane programming. Identifying a...print' is an action not a thing. That something is a detectable characteristic and any detectable characteristic can form the basis for a rule that **software** can use to **determine** which meaning is in use. 0 Step 2 Divide the vocabulary into Meaning Words and Operator Words - Interrelationships of Data Categories, Compression Coding of Space...commands given to a computer, nonsense when given as given as business data: Command: 'Jill is'. 'Print the modem.' Command to record business data: 'The **ship** jumped on the cat.' But these are not necessarily nonsense in other contexts: 134 Fiction: "Jill is," said Jack. "Jill is what?" said George. "I...

...Computer Class: 'Can I print the modem, Sir?''Do you mean' Print to the modem?" 'Yes, Sir, that is what I meant.' Science Fiction: 'the **ship** jumped on the cat. Its 1 00-foot wings looked tiny compared to the three-kilometer body of the cat.' Computer software also needs a method that copies the human behavior of setting, early on, the framework within which something is to be understood. Speaker'The **ship** jumped on cat.' Listener: 'What is thisT Speaker: 'Science fiction.' Listener: "OK, go on.' If the 0 speaker had replied: "A Business document' he would not have received the reply'OK, go on' but more likely a reply with the sense of 'that's nuts, **ships** can't jump onto cats.' Consequently, for a computer to use Normal Language, a teaching of this Any-to-Any machine is that is it desirable that a system exists for **software** to detect whether a statement it receives is a Complete Statement, or an Incomplete Statement, and this method should be 5 able to detect that...

...to classify into two main categories: Omitted Data: the words 'jill is' omits the data of what 'jill' is -jill is - what?' Data Conflict 'The **ship** jumped on the cat' 'print the modem' are examples of data where the given data has a ...Execution Module can launch a user prompt or other procedure to obtain the missing fax number. However, behavior such as the above requires: . 1) A **software** record of what does and does not constitute an Executable Statement, 136

18/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00748802 **Image available**
SYSTEM AND METHOD FOR INTERACTIVELY MANAGING TRANSPORTATION OF CARGO AND DATA ASSOCIATED THEREWITH
SYSTEME ET PROCEDE PERMETTANT DE GERER DE MANIERE INTERACTIVE LE TRANSPORT DE MARCHANDISES ET DONNEES CORRESPONDANTES
Patent Applicant/Assignee:
OPTIMUM LOGISTICS LTD, 2001 W. Main Street, Suite 205, Stamford, CT 06902 , US, US (Residence), US (Nationality)
Inventor(s):
BLOOM Kenneth Bruce, 2001 W. Main Street, Suite 205, Stamford, CT 06902, US
HUANG Melody W, 2001 W. Main Street, Suite 205, Stamford, CT 06902, US
Legal Representative:
BUSH Gary L, Mayor, Day, Caldwell & Keeton, L.L.P., Suite 1900, 700 Louisiana, Houston, TX 77002-2778, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200062227 A1 20001019 (WO 0062227)
Application: WO 2000US9421 20000407 (PCT/WO US0009421)
Priority Application: US 99289501 19990409
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12004

Main International Patent Class (v7): **G06F**-017/60
Fulltext Availability:
Detailed Description
Claims

Claim
.... documentation
used as the cargo is transported to the selected destination
I
Storing the data indicative of cargo location, events --..58
and documentation in an **electronic** database
/I*o@ 6 0
Determining the presence of impendigg faults in
connection with
cargo location events and documentation based on the
stored data
Issuing alerts to one or more users of time impending 62
faults to avoid disruption in the delivery of **cargo**
Allowing access to predetermined users to review

or update the data stored in the electronic database -@64
RETURN
66
Stolt Global Tracking - CONDEA VISTA
Help...

...Re 1998 11 1999 00 In Transit CHANNELVIEWJX, US/HOUSTON Tank Container
MT [Req 1998 24 1998 03 Discharoed HOUSTOKTX, US/YOKOHAMA,JP .. Parcel
Tanker - **Ship** MT (Req ... 1998 14 1998 04 Discharged
LAKE CHARLES.I.A. USAOUSTON... CDostal/Porcell Tanker -
Ship MT 1998 24 19911- -04 Dischoroed LAKE CHARLES,LA.
US/HOLISTON... Coastal Parcel Tanker - **Ship** 11998 23
1998 17 Discharged E CHARLES,LA, US/HOUSTON Coostol/Parcel Tanker -
Ship 1998 23 1993 15 Discharged BRUNSBUTTEL,
DIE/ROTTERDAM... coostalCorcel Tanker - **Ship** 1998 04
1998-OB-20 Discharged LAKE CHARLES,L& LIS/HOUSTON... Coostol/Porcel
Tanker - **Ship**
FRe7f W1 FZTify -Shipw
F] F-1 F]
Tank Containers
CHANNELVIEW, TEXAS HOUSTON, TEXAS
Location Description Est. Dote Act. Date
I HOUSTONJX ... Deport Dep t...

...4HOusTON Tank Container
KGS Re 1998 11 1998 00 In Transit CHANNELVIEWTX, USPOUSTON Tank Contoitw
WI 1998 24 1998 03 HOUSTOKTX. US/YOKOHAMkJP Parcel Tanker -
Ship
MT (Req ... 1998 14 1998 04 Discho tAK CHARLESIA, US/ USTON Coastal
Parcel Ton
MT (Req ... 199B 24 1998 04 CHARLES LA, I rcei - **Ship**
1998 23 1998-1)6-17 !LA, USTDN ... Coastal rcel
MT (Req ... 11998-DS-23 1998 18 Disc DE/ROTTERDAM Coastal rcel - Si
MT (Reg...Systems
Fulfillment Integration
Fig. 1 1
UnSe m Far East Supply Chain Case
Background Complication
-4 Products -Baltimore Plant: Not Water-Sei
-1 Source -Ulsan: **Space** Constrained
Baltimore, MD (US) -Heat Required for Discharge
-2 Destinations Using Tank containers
Singapore -If Mode is Bulk: Two of Four I
Ulsan, Korea Shipped...

21/5,K/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)

0014683107 E.I. COMPENDEX No: 2000525405135
CVNX - expanded capability baseline aircraft carrier design study
McWhite, J.D.

Corresp. Author/Affil: **McWhite**, J.D.
Naval Engineers Journal (Nav Eng J) 2000, 112/3 (47-57)
Publication Date: 20001211
Publisher: ASNE
CODEN: NVEJA ISSN: 0028-1425
Document Type: Article; Journal Record Type: Abstract
Treatment: X; (Experimental)
Language: English Summary Language: English
Number of References: 2

Aircraft Carrier ship design study number 5, entitled 'Expanded Capability Baseline', of the CVNX Analysis of Alternatives (AoA) (Part 3) ship design studies, represents the Navy's most capable and cost effective design to meet all of the Operational Requirements Document (ORD) objectives for CVNX. This paper describes the overall ship design and provides insight into its key technologies and design innovations. With significant attention being placed on new manning reduction methods and in total life cycle cost (LCC) reduction efforts. It includes descriptions of key technology improvements like: 'Pit Stop' aircraft servicing, improved below deck weapons movement, electric aircraft and weapon elevators, modular electronic spaces, centralized food service, and robotic inventory and storage systems. Also covered are increased crew habitability, and optimized hull form and survivability features. Results address increased Flight Deck performance and construction and cost limitations.

Descriptors: Aircraft propulsion; Algorithms; Computer aided design; Computer software; Cost effectiveness; Crew accommodations; Deck landing aircraft; Hulls (ship); Naval architecture; Wings; *Aircraft carriers

Identifiers: Aircraft carrier design; Expanded capability baseline; Life cycle cost; New generation aircraft carriers

Classification Codes:
653.1 (Aircraft Engines, General)
671.1 (Ship Design)
672.1 (Combat Naval Vessels)
723.1 (Computer Programming)
723.5 (Computer Applications)
911.2 (Industrial Economics)

Corresp. Author/Affil: **McWhite**, J.D.

V. Additional Resources Searched

0 results